

A check-list of the spiders (Aranei) of Yakutia, Siberia.

Список пауков (Aranei) Якутии (Сибирь).

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КЛЮЧЕВЫЕ СЛОВА: пауки, Якутия, фаунистика, синонимия.

ABSTRACT: Based on personal collectings and literature data from Yakutia, a check-list of spiders is presented. Altogether, 425 species have been found there, 193 of them belonging to the family Linyphiidae alone. Distribution records within Yakutia are given. Ten new synonyms and new combinations are proposed, several previous misidentifications of Siberian linyphiids are corrected.

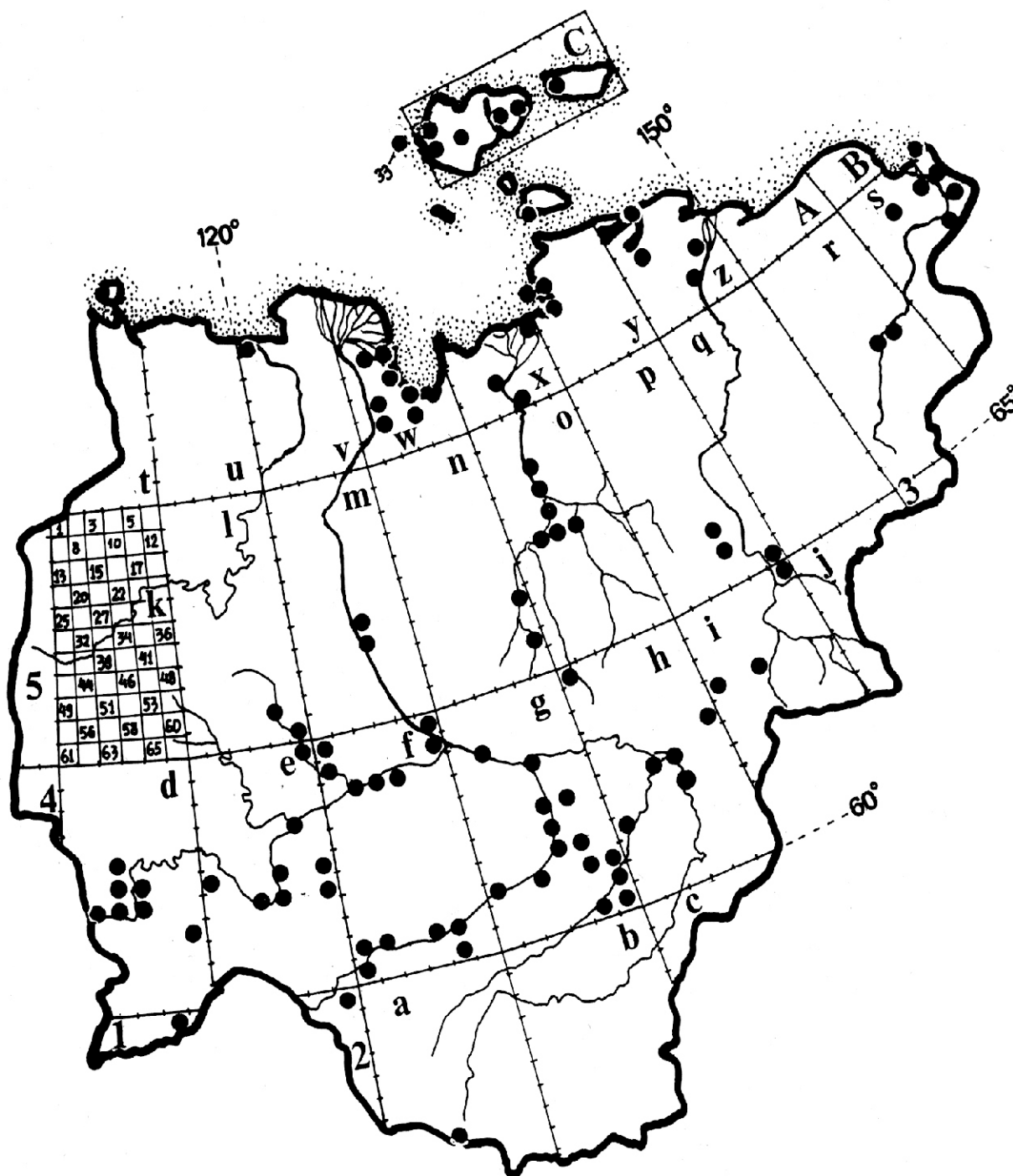
РЕЗЮМЕ: Приведен список пауков Якутии, основанный на собственных сборах, старых музейных коллекциях и ревизованных литературных данных. Он включает 424 вида, 192 из которых принадлежат к семейству Linyphiidae. Предложено десять новых синонимов и новых комбинаций, исправлено несколько прошлых ошибочных определений сибирских линифид.

Introduction

Yakutia is one of the largest administrative units of the former USSR, encompassing a rather wide range of nature zones such as tundra, forest-tundra, and taiga. Relatively large areas occupied by steppe-like biomes are also quite common in the region concerned. Yakutia covers ca. 3,000,000 sq.km; by comparison, entire Europe is 10,500,000 sq.km in area. Both northern and western Yakutia consist mainly of plains, whereas the eastern and southern parts contain mountains up to 3,000 m in elevation. Unfortunately, that vast and highly diverse land

remained poorly explored with regard to the spider fauna. A milestone in that respect was the work of Kulczynski [1908], based on collections taken during the Russian Polar expeditions of 1895-1903, referring to 60 spider species. Scarce data can also be found in a few papers devoted to local spider faunas and general taxonomy [Grube, 1861; Belimov 1975*; Eskov, 1985, 1988c], as well as in numerous publications coping with separate families: Salticidae [Proszynski, 1979; Marusik, 1989, 1991a; Wesolowska & Marusik 1990]; Gnaphosidae [Ovtsharenko & Marusik, 1988]; Lycosidae [Zyuzin, 1979; Kronstedt, 1986; Zyuzin & Marusik, 1989]; Philodromidae [Marusik, 1989, 1991c]; Thomisidae [Utotchkin, 1968]; Clubionidae [Mikhailov, 1990, 1991, 1992]; Liocranidae, Oxyopidae, *Micaria* [Mikhailov & Marusik, in press]; Theridiidae [Eskov, 1987a]; Linyphiidae [Hippa & Oksala, 1985; Eskov, 1986a, 1986b, 1987b, 1988a, 1988b, 1989a, 1989b, 1990a, 1990b, 1991; Eskov & Marusik, 1991, 1992, 1993; Marusik, 1991; Tanasevitch, 1987, 1988]. In some publications, the identity of certain Kulczynski's [1908] and Grube's [1861] species has been discussed/ revised [Proszynski 1971; Levi, 1977; Helsdingen, 1978; Zyuzin, 1979; Hippa et al., 1986; Kronstedt, 1986; Wesolowska, 1988]. Very recently, Koponen & Marusik [1992] listed 183 spider species from Yakutia, of which 130 had not been published earlier from there. In the present paper, we list already 411 species known from Yakutia.

* This publication deals with 28 spider species using only Russian names of unknown origin. Therefore, we have ignored that paper completely.



Map of localities (shown by filled circles).

Карта местонахождений (показаны кружками).

Material and methods

The present investigation is based both on old and recent collections. The older collections derive from the Zoological Institute, Academy of Sciences, St. Petersburg (formerly Leningrad), Russia (ZIL), including various Russian expeditions from the

beginning of this century (S. Buturlin, N. Olenin, Vollosovitch, Ye. V. Pfcenmier, I. M. Mikey, Dolenko, Kharitonov), from the 1920s (L. Bianki, M. Tkachenko, A. A. Grigoryev, A. Rybalov), the 1930s (Semenovitch), the 1940s (A. P. Vaskovski); and from the Zoological Museum, University of Helsinki, Finland (ZMHU), material collected by B. Poppius.

Material collected in recent years by our colleagues and us originates from the Biological Institute, Siberian Branch, Academy of Sciences, Novosibirsk (BIN); the Institute of Biology, Academy of Sciences, Yakutsk; the Paleontological Institute and the Institute of Evolutionary Morphology and Ecology of Animals, both of the Academy of Sciences, Moscow; the Institute for Biological Problems of the North, Academy of Sciences, Magadan; and the Zoological Museum, University of Turku, Finland (ZMT).

Materials have been deposited in the ZIL, Zoological Museum of Moscow University (ZMMU), BIN, ZMT, as well as in personal collections of the Russian authors.

For practical reasons, the area of Yakutia has been divided into grids of 5° in latitude and 6° in longitude, each being subdivided into 66 squares, each about 50 x 50 km. The longitudinal borders correspond to the geographical grades. Each big square has been assigned a letter, while the subdivisions have been numbered (Fig. 1). Square numbers are underlined if a species from this area has been published, citation being put at the end of the distributional record. An asterisk (*) after the square's number has been added if this is the type locality. If collected material has not been checked personally, the author concerned has been mentioned with (?).

List of localities

- a45: Stanovoi Mt. Range, Niurengri District, Kabaktan, 18.08.1978 (S. Lovyagin);
 d?: Chona River, near Semenove [Proszynski, 1979];
 d27: Vilyuy River between mouths of Tenengi and Chona Rivers, 29.07.-3.08.1926 (M. Tkachenko);
 d33: Bahabylskaya Steppe, Delingna River, 8-9.07.1926 (M. Tkachenko);
 d34: Chona River, mouth of Nynkyndy River (Nikangda River?), Toi-Khoya (Tuoi-K.), 4.07.1926 (M. Tkachenko);
 d38: Chona River near the mouth of Markhaya River, 24.06.1926 (A.A. Grigoryev);
 d39: Chona River, upstream off mouth of Leb-yazhya River, 18.06.1926 (M. Tkachenko);
 d40: Chona River, mouth of Kuchani River, 28.06.1926 (M. Tkachenko);
 Chona River, mouth of Ichoda River, 26.06.1926 (M. Tkachenko);
 Chona River, mouth of Bes-Yuryakh River,

- 29.06.1926 (A.A. Grigoryev);
 d47: Dyunkun River, basin of Ulakhan River, 22-24.08.1926 (M. Tkachenko);
 e6: Lake Kurdan (64°47'N, 119°55'E) 30.07.1926 (A.A. Grigoryev);
 Meakhyalya-Kyuele Lake (64°23'N, 119°02'E), 4.08.1926 (A.A. Grigoryev);
 e23: Markha River, left tributary of Vilyuy River, 21.07.1926 (M. Tkachenko);
 Environs of Nyurba, 1986-1987 (Y. Kaimuk);
 e31: Arylakh, 1987 (N.N. Vinokurov);
 e34: Elgjai (El'gay), 62°20'N, 117°40'E, 24.07.1977 (S. Koponen);
 e36: Environs of Suntar, 3-5.07.1988 (K.Y. Eskov);
 e39: Toibochoi (Toibokhoi), 26-28.07.1977 (S. Koponen)**;
 e40: Environs of Mirny Town, 1.7.1988 (K.Y. Eskov);
 e42: Kempendyai River, right tributary of Vilyuy River, 40 km E of Kempendyai, 7.07.-16.08.1988 (K.Y. Eskov);
 f1: Vilyuy Distr., Ugolyak Village, 64°07'N, 120°08'E, 16-22.08.1926 (A.A. Grigoryev);
 Ungulei, 1-20.08.1926 (A.A. Grigoryev);
 Khametakh (Khomustakh) Lake, Yakutian Expedition, 10.08.1932 (Semenovitch);
 f6: Ljampeshka (Lepiske River), Lena River, 64°40'N, 125°30'E, 15-20.07.1977 (S. Koponen);
 f7: Vilyuysk Distr., between Sordonchiakh (64°13'N, 121°45'E) and Bagaradzha Lakes (64°03'N, 120°55'E), 20-26. 07.1926 (A. Grigoryev);
 f12: Dzhanganakh Lake (64°13'N, 121°45'E), 20.07.1926 (A.A. Grigoryev);
 f14: Vilyuy (Vilyuisk) Town, the 1850s (Maak);
 Environments of Vilyuisk, 29.07.1927 (M. Tkachenko);
 f15: Vilyuy River 60 km of Vilyuisk, 28.07.1927 (M. Tkachenko);
 f16: Right bank of Vilyuy River, 170-190 verst*** upstream off mouth, 26.06. 1927 (M. Tkachenko);
 f55: Khayalakh (Kharyallakh?), 1914 (Dolenko?);
 f56: Near Barobos, 65 verst W off Olekminsk Town, 9.06.1915 (Dolenko);
 Khatyn-Ary, mouth of Namana River, 06.1985 (N.N. Vinokurov);
 f58: Lena River, 5 verst upstream off Chekur-skaya (Uritskoye) Village, 4.09.1925 (L. Bianki);
 f59: Mouth of Tuolba River, right tributary of Lena River, 06. 1985 (N.N. Vinokurov);

** This is site 6 in Koponen & Marusik [1992] which was omitted from the text.

*** 1 versta in Russia = 1067 m.

- i61: Environs of Olekminsk, 1906 (S. Buturlin) & 27.07.1907 (Kharitonov);
Lena River, 10 km downstream off Olekminsk, 10-11.06.1925 (L. Bianki);
i65: Churanskaya Vill., 374 verst upstream off Yakutsk, 3.09.1925 (L. Bianki);
g14: Environs of Sangar, 23-26.06.1989 (K.Y. Eskov);
g22: Khamurgan, Ardyn (Arbyn)-Namok Ulus [Proszynski, 1979];
Khamurgan, Arbyn, Namok-Ulus, 29.06.1926 (L. Bianki);
Arbansa, Namski Ulus, 3.08.1926 (L. Bianki);
g34: Tallyminski Nasleg, 2.07.1925 (A. Rybalov);
Synnikiy Letnik, 8 verst off Namtsy Church, 18.07.1926 (L. Bianki);
g35: Right bank of Lena River, Oy-Bestyas, East-Kangalas Ulus 29.06.1925 (L. Bianki);
40-45 km N of Yakutsk, 30.07.1977 (S. Koponen);
Tumul Vill., Alas Allakh, 1987 & 1988 (G.L. Lukovtsev & T.H. Maksimova);
g40: Yakutsk, 2.07.1901 (B. Poppius);
Environs of Yakutsk, Churaptcha, 11.1902 (N. Olenin);
Yakutsk, Landyrt, 23.05.1902 (N. Olenin ?);
Sergelyakh, 23.08.1926 (L. Bianki);
5 km off Yakutsk, Sergelyakh, 11.08.1927 (A. Cherikhin);
Environs of Yakutsk, 1982 (G.T. Belimov);
20-25 km N of Yakutsk, 30.07.1977 (S. Koponen);
Environs of Zhatai, 14-16.08.1988 (A. Ivantsov);
g46: Environs of Pokrovsk Village (100 km upstream off Yakutsk), 13.06.1927 (A.M. Popov) & 28.08.1984 (A.B. Ryvkin);
Oktomey (Oktemtsy), ca. 50 km SW of Yakutsk, valley of Lena River, 61°30'N, 129°30'E, 7-10.7. & 13.07.1977 (S. Koponen);
Ulaach-Aan (Ulakh-An), ca. 70 km SW of Yakutsk, 11.07.1977 (S. Koponen);
Lake Deedeyonuuta (?), 1 day away from Lutenga on Lena River [Proszynski, 1979];
Lutenga River, way from Lena River to Berdzhystyakh Letnik, 16.07.1925 (L. Bianki);
g47: Letnik Abyi 22 & 26.07.1925 (A. Ivanov & L. Bianki);
Letnik Tumullur-Anna, 25.07.1925 (L. Bianki);
Fiith station [on the Road Amga-Yakutsk] from Amga, 17-18.08.1925 (L. Bianki);
g49: Edei Village (Kharyyalakh), 07.1985 (N.N. Vinokurov);
g51: Bestyakh Village (105 km off Yakutsk), 12.06.1925 (L. Bianki);
Taragai Island, 7.1985 (N.N. Vinokurov);
20 km S from Bulgunjachtach (Bulgunnyakhtakh) (100 km SW from Oktomey), Lena Valley, 12.07.1977 (S. Koponen);
g53: Ongkuchakh Stream, confluent of River Manda (Mende), Yakutsk Area [Proszynski, 1979];
g54: Amga River, Betyutya River (Betyung), 1902 (N. Olenin);
Amga Village, 17-18.07.1902 (N. Olenin);
Second station of Yakutian Trakt****, Amgina-ka (10-16 verst E of Amga), 13-15.08.1925 (L. Bianki);
g60: Kibidri River, left tributary of Amga River, 1902 (N. Olenin);
g65: Olom Letnik, Tyengutte River, 24.07.1925 (L. Bianki);
g66: Amga River, 60 km off Enyuyo (Onnyos), 08.1985 (A. Ivantsov);
h1: Upper flow of Otto-Sala River, right tributary of Dolgulakh River, Kele Spring, and Inderkoi Lake, 1989 (N.N. Vinokurov);
h30: Handyga-Magadan Road, Tomporuk River, 1988 (N.N. Vinokurov);
h33: Megino-Aldan Village, 20 km NWW of Amga River Mouth, 06.1981 (Y. Kaimuk);
Aldan River, 3 km upstream of Krest-Khaldzey Village, 6.9.1990 (I.D. Sukatcheva);
h34: Khandyga Town, 1.08.1984 (A.B. Ryvkin) & 09.1990 (I.D. Sukatcheva);
h40: Aldan River, 40 km upstream from Khandyga, 28.08.1990 (I.D. Sukatcheva);
h43: Mikhailovka Village (Aryy), 06-08.1985 (Y. Kaimuk);
h66: Amga River, 60 km up from Enyuyo (Onnyos), 08.1985 (A. Ivantsov);
i6: Mouth of Nera River, 16.07.1942 (A.P. Vaskovski);
Environs of Balagannakh, 1978 (D.I. Berman);
Yubiley Mine, Khantagai-Ayan, 2.07.1987 (leg. unknown);
i19: East Khandyga, 180 km NE of Khandyga Town, 1.07.-7.08.1985 (V.V. Dubatolov);
175th km of the Khandyga-Magadan Road, 18.08.1988 (N.N. Vinokurov);
i21: 232th km of the Khandyga-Magadan Road, 6.07.-6.08.1985 (A.V. Barkalov);
i59: Kyatazlya, bank of Tyung River (65°45'-53'N, 118°56'-59'E), 6-10.08.1926 (A.A. Grigoryev);

**** Trakt is a road in underexplored territories of Russia.

166: Between lakes Myrchadon (64°56'N, 119°56'E) and Eyitkbaryatya (65°13'N, 119°40'E), 31.07-2.08.1926 (A.A. Grigoryev);
 Lake Kyurkyani (65°17'N, 119°10'E), 2.08.1926 (A.A. Grigoryev);
 m40: Lena Riv. 30-35 km downstream off Zhigansk, Atyr-Ayan Spring, 9-15.07.1989 (K.Y. Eskov);
 m46: Shigansk (Zhigansk), Lena Expedition, 1901 (B. Poppus);
 Zhigansk, 15-17.07.1989 (K.Y. Eskov);
 Lena River, 10 km downstream off Zhigansk, mouth of Ynyr-Khaya Spring, 4-8.07.1989 (K.Y. Eskov);
 n48: Alysardakh, Dulgalakh River, 1989 (N.N. Vinokurov);
 n60: Mouth of Otto-Sala River, right tributary of Dulgalakh River, and Petrushka Lake, 1989 (N.N. Vinokurov);
 o15: Ad fl. Bytantai [Kulczynski, 1908];
 o21: Jana (Yana), inter ostium Adytscha et Tschogur (68°5') [Kulczynski, 1908];
 Adytscha, inter Sataghai et Ulachan Sularr [Kulczynski, 1908];
 o27: Near Ynnakh Stone Hill, watershed of Yana and Adycha rivers, 8.07.1927 (M. Tkachenko);
 Yana River, 100 km downstream off Verkhoyansk, 9.05.1927 (M. Tkachenko);
 Inter Chaisardach (Haiysardagh) et Sataghai [Kulczynski, 1908];
 o32: Werchojansk (Verkhoyansk), 05-06.1885 [Kulczynski, 1908], 1903 (K. Rozhnovski) & 1913 (I.M. Mikey) & 8.06.1927 (M. Tkachenko);
 Ad fontes fluvii Dolgulach, 25.06.(7.07.) 1885 [Kulczynski, 1908];
 o33: Cheniki, 50 km downstream off Verkhoyansk, 31.05.1927 (M. Tkachenko);
 Werchojansk - Chaisardagh (Verkhoyansk - Haiysardagh) [Kulczynski, 1908];
 o34: Arylakh locality on the Adycha River, 11.07.1927 (M. Tkachenko);
 p52: Basin of Indighirka River, upper flow of Dogdogatchan Spring, basin of Chibagalakh River, 09.1942 (A.P. Vaskovski);
 Basin of Indighirka River, between Motcho and Inyam Rivers 14.05.1987 & upper flow of Rogatch Spring, 7-8.07.1987 (unknown collector);
 p58: Basin of Indighirka River, Myuryole River (tributary of Chibagalakh River), 20-28.07.1987 (unknown collector);
 p66: Upper flow of Indighirka, between Nera River Mouth and Tyubelyakh, 27.07.1942 (A.P. Vaskovski);
 r34: Srednekolymsk, 1903 & 14.06.1905 (S. Buturlin) & 20.06.1965 (Y. Popova);
 r35: Kuldino (zaimka Kuldino), 16.07.1905 (S.

Buturlin);
 s6: Mouth of Kolyma River, Sukharny Island, 10.07.1905 (S. Buturlin);
 Kolyma River Delta, between Sukharny Island and Krutoi Drevostoi, 13.07.1905 (S. Buturlin);
 s9: Nizhnekolymsk Distr., Malaya Konkovaya River, 20.07.1986 (G. Chernova);
 s11: Rogovodka, 10 km off Pokhodsk, 3.07.1980 (A.R. Bagatchanova);
 Kolyma River Delta, Kamenny Island, 3.07.1905 (S. Buturlin);
 Environments of Pokhodsk, 18-21.08.1905 (S. Buturlin);
 First lake down from Pokhodsk, 1905 (S. Buturlin);
 Panteleikha Village, 3-16.08.1905 (S. Buturlin);
 Nerpitchya Viska, 30.07.1986 (G. Chernova);
 s12: Chukotskaya Yudoma, 13-26.08.1908 (S. Buturlin);
 Kolyma River Delta, Chayachya Zaimka, 21.06.1905 (S. Buturlin);
 s18: Environs of Chersky, 1985 (Y.R. Potapov) & 7-19.07.1990 (L. Penev);
 s25: Between Srednekolymsk and Nizhnekolymsk towns, 20.06.1905 (S. Buturlin);
 v25: Tundra Olenekensis, 1875 (A.P. Czekanowski);
 w38: Ust-Lensky Reserve, right bank of Lena River, Tit-Ary and Tas-Ary Islands, 1989 & 1990 (A. Tsybulsky);
 w39: Bykow Peninsula ad ostium fl. Lena, 28.08.1902 (Schultz);
 w45: Near Tiksi, Bulunkan Bay Shore, 26.07.1927 (A. Popov);
 Tiksi, 19.08.1985 (V. Bulavintsev) & 1989, 1990 (A. Tsybulsky);
 w50: Lower flow of Lena River, Kharaulakh, 4 km down from Chekurovka, 18-24.07.1988 (A. Ivantsov);
 w52: Montes Charaulach; ostium fl. Elijdep; ad sinum Borchaja (Buor-Khaya Bay); fl. Andygilkan; Kethalach or K.-Kel lacum in litore maris Charaulach, inter fluvios Jana et Lena, «Tundra» inter fluvios Jana et Lena [Kulczynski, 1908];
 w56: Bulun, 26-27.06.1908 (Y.V. Pfcenmier);
 Environs of Kyusyur Town, 18-20.07.1989 (K.Y. Eskov);
 Lena River 15 km downstream off Kyusyur, Bulun Spring, 7-9.08.1989 (I.D. Sukatcheva);
 Beris River, right tributary of Lena River, 10-21.08.1989 (I.D. Sukatcheva);
 w58: Inter fl. Jana et Lena (70,5°), 13-27.09.1885 [Kulczynski, 1908];
 x48: Mouth of Yana River, Yarok Island,

- 14.08.1985 (V. Bulavintsev);
 x57: Kasatschje (Kazach'ye), 08-09.1885 [Kulczynski, 1908] & 16.07.1907 (L. Chagin) & 19.06.1923 (unknown collector);
 x64: Jana 69.5 - 70.5 N [Kulczynski, 1908];
 y21: Ljakhov (Lyakhov Island), Maloje Simovjo [Kulczynski, 1908];
 y37: Makar Island, 6.08.1985 (V. Bulavintsev);
 y38: Muksunakh Camp, Muksunuokha River, 1908 (Vollosovitch);
 y44: Selyakh Bay, Selyakh River, 06.1908 (Vollosovitch);
 z33: Omulyakh Bay, between Yana & Indighirka Rivers, 1983 (V. Bulavintsev);
 z44: Khromskaya Bay near mouth of Laptcha River, 20.08.1983 (V. Bulavintsev);
 z53: Russkoje Ustje, 23.10.1904 (Rozhnovski);
 z58: Indighirka River, Chokurdakh, 26.06.1980 (N.N. Vinokurov);
 C9: Novosibirsk (New Siberian) Islands, Kotelny Island, Tempa, 2.07.1947 (B. Gorodkov);
 C17: Insulae Novo-Sibiricae, Kotelnyj, ad fluvium Urassalach, ad fl. Ssogoloch (?) [Kulczynski, 1908];
 C18: Middle flow of Balyktakh River, 1947 (B. Gorodkov);
 C20-21: Fadejei (Faddejev Island) [Kulczynski, 1908];
 C22: Nova Sibiria (Island), promontorium (Cape) Roshin (Rozhin) [Kulczynski, 1908];
 C33: Belkovski Island, 31.07.1985 (V. Bulavintsev);
 1-5: Vitim Town, Lena River, 8.06.1927 (A.M. Popov);
 Peleduy River, Tolon Mt. 1987 (N.N. Vinokurov);
 2-6: Lena River, Kochegarovo, 06.1985 (N.N. Vinokurov).

The following new synonyms and new combinations are proposed:

1. *Hilaira ryabukhini* Eskov & Marusik, 1991 = *Hilaira aquilonia* Hackman, 1954 = *Gongylidium canalicatus* Emerton, 1915, **syn.n.**

Soudinus canalicatus (Emerton, 1915) = *Hilaira canalicata* (Emerton), **comb.n.**

Soudinus Crosby & Bishop, 1936 = *Hilaira Simon*, 1884, **syn.n.**

2. *Metopobactrus* (?) *pilipes* Kulczynski, 1908 = *Lasiargus pilipes* (Kulczynski), **comb.n.**

3. *Panamomops transbaikalicus* Eskov, 1989 = *Sisis transbaikalicus* (Eskov), **comb.n.**

4. *Bathyphantes rupestris* Holm, 1945 has been synonymized under *B.reprobus* (Kulczynski, 1916) by Eskov [1985]. In addition, he wanted there to

confirm the well-established synonymy of *B.rupestris* under *B.crosbyi* (Emerton, 1919) [Holm, 1960; Ivie, 1969]. Unfortunately, instead of *B.crosbyi*, *B.keenii* (Emerton, «1919») was erroneously printed in the final text [Eskov, 1985: 122], while *B.keenii* (Emerton, 1917) is actually a valid name of quite a different species.

The mistake has been corrected by Crawford [1988] who officially rejected the synonymy of *B.keenii* under *B.reprobus*, and we certainly adhere to this conclusion. On the other hand, Crawford [op.cit.] confirmed the synonymy of *B.rupestris* under *B.reprobus*. To sum, both *Bathyphantes rupestris* Holm, 1945 and *B.crosbyi* (Emerton, 1919) must be considered as junior synonyms of *B.reprobus* (Kulczynski, 1916), while *B.keenii* (Emerton, 1917) is a separate, valid species.

5. *Bathyphantes keenii* (Emerton, 1917) is still the subject of one more confusion. Ivie [1969] stated it to be a senior synonym of *B.biscapus* Kulczynski, 1926, from the Kamchatka. On the other hand, Holm [1973] synonymized *B.biscapus* under *B.humilis* (L.Koch, 1879) and noticed that the latter taxon is a relative of «some North American species (*keenii* (Emerton), *brevis* (Emerton), *albiventris* (Banks)) but may be distinguished from these species by the long and broad parma and acute-angulate lateral pieces of the epigyne» [Holm, 1973: p. 90]. We completely agree with Holm's opinion, so Ivie's [1969] synonymization of *B.biscapus* Kulczynski, 1926 under *B.keenii* (Emerton, 1917) should be officially rejected (**syn.reject.**).

6. We reject here our previous opinion on the status of both *Bathyphantes simillimus* (L.Koch, 1879) and *B.eumenoides* Holm, 1967 as separate species [Eskov, 1988c]. The above taxa seem to be but colour morphs of a single species, *B.simillimus* by priority, so the synonymization of these two species by Wozny & Czajka [1985] is supported. On the other hand, the synonymy of both *B.simillimus* and *B.eumenis* (L.Koch, 1879) by Wozny & Czajka [1985] has been rejected [Eskov 1988c]; this opinion is still correct.

Holm [1973: p.91] stated quite correctly that the record of *B.humilis* (L.Koch, 1879) in the Polar Urals by Kulczynski [1916] was a misidentification. Moreover, in our opinion, the specimen figured by Kulczynski [1916: figs.24-25] may be attributed to *B.simillimus*, possessing an abdominal pattern, with fair certainty. In addition, Holm [op.cit.] noted that the identification of *B.humilis* from Bulgarian mountains by Buchar [1967: cit.after Holm, 1973] was based solely on Kulczynski's [1916] figures. So Buchar's record seems to be attributable to

B. simillimus, same as the above ones of *B. eumenis* in the Polish Carpathians by Wozny & Czajka [1985], in the Czechoslovak Carpathians by Ruzicka [1990], and in Arctic Canada by Koponen [1992].

7. The identity of *Erigone submissa* L.Koch, 1879 and *Milleriana innerans* (O.P.-Cambridge, 1885) was established quite correctly by Holm [1973]. Despite the obvious priority, Holm [op.cit.] continued the usage of the junior but well-known name *M. innerans*. Unfortunately, this attempt to conserve a junior name is completely incorrect. Even Article 23b of the previous version of ICZN [1964] (rejection of a senior synonym not used in the primary zoological literature during 50 years following the publication) cannot be applied to this case, because the name *Oedothorax submissus* (L.Koch) was used by Strand [1907]. Hence, *Milleriana innerans* (O.P.-Cambridge, 1885) = *Erigone submissa* L.Koch, 1879, syn.n. *Milleriana* Denis, 1966 has been synonymized under *Collinsia* O.P.-Cambridge, 1913 by Eskov [1990b]; so *Erigone submissa* L.Koch = *Collinsia submissa* (L.Koch), comb.n. On the other hand, based on a study of new collectings from Europe, the Far East and Central Asia, we reject now our previous opinion on the status of both *Collinsia innerans* and *C. japonica* (Oi, 1964) as separate species [Eskov, 1990b]. Hence, *Collinsia japonica* (Oi, 1964) = *C. submissa* (L.Koch, 1879), syn.n.

8. *Asiceratinops* Eskov, 1992 established as the subgenus in *Ceratinops* Banks, 1905 should be elevated to full generic rank (stat.n.).

9. *Stemonyphantes lineatus sibiricus* Grube, 1861 rejected by Eskov [1992a] from the synonymy under *S. lineatus* (Linnaeus, 1758) should be elevated to full species rank, *S. sibiricus* (stat.n.). It should be noted that the record of *S. bucculentus* (= *S. lineatus*) in Kamchatka by Kulczynski [1885] seems to be referred in fact to *S. sibiricus*, as it has been stated by Marusik et al. [1993] for the other Kamchatka records of *S. bucculentus* [Sytshevskaja, 1935].

The following previous misidentifications of Siberian linyphiids should be corrected, based on a restudy of material.

1. The records of *Gnathonarium dentatum* (Wider, 1834) in Yakutia (localities g40 and g46 of the present list) by Koponen & Marusik [1992] should be referred to *G. suppositum* (Kulczynski, 1885).

2. The record of *Lasiargus laricetorum* Eskov, 1989 in Yakutia (locality e39 of the present list) by Koponen & Marusik [1992] should be referred to

L. hirsutus (Menge, 1869).

3. The record of *Entelecara media* Kulczynski, 1887 in Yakutia (locality i6 of the present list) by Koponen & Marusik [1992], as well as all the records of this species in Northeast Siberia by Marusik et al. [1992], should be referred to *E. sombra* Chamberlin & Ivie, 1947.

4. The record of *Agyneta subtilis* (O.P.-Cambridge, 1863) in Chukotka by Marusik et al. [1992] should be referred to *A. allosubtilis* Loksa, 1965.

5. All the records of *Agyneta* cf. *gulosa* in Northeast Siberia by Marusik et al. [1992] should be referred to *Agyneta gulosa* (L.Koch, 1869).

6. The record of *Eboria simplex* (Kulczynski, 1908) in the upper flow of Kolyma River by Marusik et al. [1992] should be referred to *E. beringiana* Eskov, 1989.

7. The record of *Enidia subarctica* Chamberlin & Ivie, 1947 in Chukotka by Marusik et al. [1992] should be referred to *E. bituberculata* Wider, 1834.

8. The record of *Erigone longipalpis* (Sundevall, 1829) in Magadan by Marusik et al. [1992] should be referred to *E. arctica sibirica* Kulczynski, 1908.

9. All the records of *Erigone zographica* Crosby & Bishop, 1928 in Northeast Siberia by Marusik et al. [1992] should be referred to *E. simillima* Keyserling, 1886.

10. The records of *Silometopoides pampia* Chamberlin, 1948 in the upper flow of Kolyma River (Kulu River and Sibit-Tyellakh) by Marusik et al. [1992], as well as the records in Transbaikalia [Danilov, 1990; Eskov, 1992b] should be referred to *S. sphagnicolus* Eskov & Marusik, 1993.

11. Part of specimens from the upper flow of Kolyma River (Sibit-Tyellakh) identified by Marusik et al. [1992] as *Scotinotylus* cf. *alpinus* belong in fact to *Scotinotylus alpinus* (Banks, 1896).

12. The records of *Agyneta trifurcata* Hippa & Oksala, 1985 in Wrangel Island by both Khruleva [1987] and Eskov [1988c] should actually be referred to an *Agyneta* sp.

13. All Siberian records of *Glyphesis cottonae* (La Touche, 1946) by Eskov [1988c] should actually be referred to a *Glyphesis* sp. The specimen from Hokkaido, Japan, figured by Saito & Yasuda [1990: figs 7-10] as *Glyphesis cottonae*, seems to belong to this underscribed species too.

14. The records of *Mecynargus jamalensis* (Eskov, 1981) in the Middle-Siberian Table-land and in the upper flow of Kolyma River by Eskov [1988c] and Marusik et al. [1992], respectively, should actually be referred to *Mecynargus sphagnicola* (Holm, 1939).

15. All the records of *Agyneta ramosa* Jackson,

1914 in Northeast Siberia by Marusik et al. [1992] should be referred to *Agyneta* sp.

16. The record of *Agyneta nigripes* (Simon, 1884) in Northeast Siberia by Marusik et al. [1992] should be referred to *A. maritima* (Emerton, 1919).

17. The record of *Scotinotylus evansi* (O.P.-Cambridge, 1894) in Northeast Siberia by Marusik et al. [1992] should be referred to *S. alienus* (Kulczynski, 1885).

18. The records of *Dismodicus bifrons* (Blackwall, 1841) at the Okhotsk Sea Coast and in the Chukotka Peninsula by Marusik et al. [1992] should be referred to *D. alticeps* (Chamberlin & Ivie, 1947).

As quite correctly stated by Marusik et al. [1993], all Kamchatka records of *Dismodicus elevatus* by Kulczynski [1885] and Sytshevskaja [1935] should actually be referred to *D. alticeps* Chamberlin & Ivie, 1947. Unfortunately, instead of *D. alticeps*, the species was erroneously listed by Marusik et al. [1993] as *D. bifrons* (Blackwall, 1841).

19. The records of *Savignya birostrum* (Chamberlin & Ivie, 1947) in Putorana Mts., upper Kolyma River flow and Cisamuria by Eskov [1988c] should actually be referred to *S. nenilini* Marusik, 1988. These materials have already been listed as *S. nenilini* in Eskov [1988b].

20. The record of *Bathypantes gracilis* (Blackwall, 1841) in the southern Taimyr (Kresty) by Eskov [1986c] should be referred to *B. humilis* (L. Koch, 1879).

21. The female from the middle Yenisey River flow (Novoselovskoye Village), listed by Holm [1973] as a *Typhochrestus* sp., is in fact *Mecynargus tungusicus* (Eskov, 1981). Material in the Naturhistoriska Riksmuseet, Stockholm, has been revised. It should be noted that another female has been found by K.E. in the Nordenskiöld Yenisey Collection (No. 64, Jeniseisk, 9.10.1876), determined by A. Holm as a *Tapinocyba* sp. This material was not included in Holm [1973]. This female is actually *Perregrinus deformis* (Tanasevitch, 1982).

Check-list of spiders

Amaurobiidae

Arctobius agelenoides (Emerton, 1919) - e39, f6, g35, h34, w56 [Koponen & Marusik, 1992].

Titanoeca nivalis Simon, 1874 - e42, f6, h43, i6 [Koponen & Marusik, 1992].

T. sibirica L. Koch, 1879 - e42, f7, g14, h1, m40.

Araneidae

Aculepeira carbonarioides (Keyserling, 1892) - e42, h1, 30, i19, o32, s6, 11, w38 [as *Araneus hyperboreus* Kulczynski: Kulczynski, 1908].

A. packardii (Thorell, 1875) - d27, 36, e6, 23, 34, 39, 42, f55, 56, g35, 40, 46, 47, 49, 54, h1, 43, i6, 19, n60, o15, 27, 32, p66, w45, 1-5 [Koponen & Marusik, 1992; in o15-32 as *Araneus septentrionalis* Kulczynski: Kulczynski, 1908].

Araneus alsine Walckenaer, 1802 - g46, 51, 1-5 [Koponen & Marusik, 1992].

A. marmoreus Clerck, 1757 - e34, i6, 61, g46, 51, h33, 1-5 [Koponen & Marusik, 1992].

A. nordmanni (Thorell, 1870) - f6, g46, h33, i19, p66 [Koponen & Marusik, 1992].

A. saevus (L. Koch, 1872) - + (no collecting data).

A. yukon Levi, 1971 - e39, 42, f6, g46, 47, h1, 30, 33, i19, o27, 1-5 [Koponen & Marusik, 1992; in o27 as *A. quadratus* Clerck: Kulczynski, 1908].

Araniella displicata (Hentz, 1874) - e23, 36, 39, 42, f6, 56, 59, g35, 46, 49, 51, h1, 43, i19, i59, n60, o27, 32, 33, 34 [Koponen & Marusik, 1992; Kulczynski, 1908].

Atea sp. - f6, g6, g46 [Koponen & Marusik, 1992].

Cercidia prominens (Westring, 1851) - f6, 41 [Koponen & Marusik, 1992; in f14 as *Epeira ochracea* Grube: Grube, 1861 - see Wesolowska, 1988].

Cyclosa conica (Pallas, 1772) - e23, f6, g22, 46, 51 [Koponen & Marusik, 1992].

C. oculata (Walckenaer, 1802) - g35, h34, 43 [Koponen & Marusik, 1992].

Cyphepeira silvicultrix (C.L. Koch, 1835) - g46 [Koponen & Marusik, 1992].

Hypsosinga albavittata (Westring, 1851) - e42, g35, 40, 47, h1, i19 [Koponen & Marusik, 1992].

H. pygmaea (Sundevall, 1831) - e23, 42, h43.

Larinioides cornutus (Clerck, 1757) - d27, 34, e23, 31, 34, 39, 42, 59, f1, 6, g35, 40, 46, 51, 54, h30, n48, o21, 32, 33, s11, 18, x57, 1-5 [Koponen & Marusik, 1992; Kulczynski, 1908].

L. patagiatus (Clerck, 1757) - d34, 40, e23, 34, 36, 39, 42, f6, 55, g35, 40, 46, 51, m40, 46, o21, 32, 33, s11, w59, x58, 64, 1-5 [Koponen & Marusik, 1992; Kulczynski, 1908].

Singa hamata (Clerck, 1757) - e23, 31, 42, f6, 55, g47, 51 [Koponen & Marusik, 1992].

Argyronetidae

Argyroneta aquatica (Clerck, 1757) - f14, 61, g35, 40, 46, 47, 51, 54 [Kulczynski, 1908; Koponen & Marusik, 1992].

Clubionidae

Chiracanthium cf. *erraticum* (Walckenaer, 1802) - e23, 34, 39, 42, g40, 46, 47, 51, 66, i19 [Koponen & Marusik, 1992].

Clubiona furcata Emerton, 1919 - h34 [Mikhailov, 1992].

C.interjecta L. Koch, 1879 - e34, 39, f6, 16, g14, 46, h33, x64 [Koponen & Marusik, 1992; Kulczynski, 1908; Mikhailov, 1992].

C.kulczynskii Lessert, 1905 - d39, e23, 39, f6, g22, 49, 51, 54, m46 [Koponen & Marusik, 1992; Mikhailov, 1991, 1992].

C.lutescens Westring, 1851 - g14 [Mikhailov, 1992].

C.latericia Kulczynski, 1926 - e34, f6, n60, s11 [Koponen & Marusik, 1992; Mikhailov, 1990].

C.praematura Emerton, 1909 - s9 [Mikhailov, 1990].

C.propinqua L. Koch, 1879 - f1, h1, i21 [Mikhailov, 1991].

C.riparia L. Koch, 1879 - e42, f6, g22, 34, 46, 51, 65, h33, n60, o27 [Koponen & Marusik, 1992; in o27 as *C.picta* Kulczynski: Kulczynski, 1908; Mikhailov, 1992].

Dictynidae

Arctella lapponica (Holm, 1945) - h1, w38, 56.

Argenna prominula Tullgren, 1948 - e39, h1, 34 [Koponen & Marusik, 1992].

Dictyna alaskae Chamberlin et Ivie, 1947 - f6, 61, m40, 46, w56 [Koponen & Marusik, 1992].

D.arundinacea (Linnaeus, 1758) - d27, 34, 39, 40, e23, 31, 40, 43, f59, g14, 22, 35, 40, 46, 47, h1, m40, 46 [Koponen & Marusik, 1992].

D.major Menge, 1869 - d27, 34, f6, g34, h40, m46, o32, s9, x64 [Koponen & Marusik, 1992; in o32 and x64 as *D.sibirica* Kulczynski: Kulczynski, 1908].

D.pusilla Thorell, 1856 - f6, m46, s18 [Koponen & Marusik, 1992].

D.schmidtii Kulczynski, 1926 - m46.

D.uncinata Thorell, 1856 - f6, m46 [Koponen & Marusik, 1992].

D.zherikhini Marusik, 1988 - m46.

Dictyna sp. - m46.

Emblyna annulipes (Blackwall, 1846) - f6, g14, h43, m46 [Koponen & Marusik, 1992].

E.borealis (O.P.-Cambridge, 1877)(?) - s18.

E.budarini Marusik, 1988 (?) - n60, w38.

Dolomedidae

Dolomedes bukhkaloi Marusik, 1988 - d27, 34, e31, 34, 39, 42, f6, 14, 56, g34, 35, 40, 46, 166, 1-5 [Koponen & Marusik, 1992; in g40 as *Dolomedes* sp. *fimbriatus* (Clerck)]: Kulczynski, 1908].

Gnaphosidae

Callilepis nocturna (Linnaeus, 1758) - e42, f6.

C.schusteri (Herman, 1879) - h43.

Drassyllus pusillus (C.L. Koch, 1833) - m46.

Drassodes mirus Platnick et Shadab, 1976 - m46.

D.neglectus (Keyserling, 1887) - e42, g14, 46, h1, i19 [Koponen & Marusik, 1992].

D.pubescens (Thorell, 1856) - e34, 39, g14 [Koponen & Marusik, 1992].

Drassodes sp. - h43.

Gnaphosa borea Kulczynski, 1908 - f56, h1, 43, o21*, s18 [Kulczynski, 1908].

G.chola Ovtsharenko et Marusik, 1988 - f56, 2-6.

G.mandschurica Schenkel, 1936 - g14.

G.leporina (L. Koch, 1866) - h43.

G.microps Holm, 1939 - e41, h1, 43, i19, n60, p52, s18, w38? [Ovtsharenko & Marusik, 1988].

G.muscorum L. Koch, 1866 - e34, 42, f56, g14, 35, 40, 46, h1, 43, i19, m46, n60, 2-6 [Koponen & Marusik, 1992].

G.nigerrima L. Koch, 1878 - e34, 39, 42, g35, h43 [Koponen & Marusik, 1992].

G.rites Chamberlin, 1922 - g60, h1, w38 [Ovtsharenko & Marusik, 1988].

G.proxima Kulczynski, 1908 - f6, 65, g54, i6, n60, o21*, 32 [Koponen & Marusik, 1992; Ovtsharenko & Marusik, 1988; Kulczynski, 1908].

G.sticta Kulczynski, 1908 - f6, 14, g35, h43, i19, n60, x64?* [Koponen & Marusik, 1992; Kulczynski, 1908].

Haplodrassus hiemalis (Emerton, 1909) - f6, 56, g35, h43, o10, 2-6 [Koponen & Marusik, 1992].

H.moderatus (Kulczynski, 1897)(?) - e39, f6 [Koponen & Marusik, 1992].

H.pugnans (Simon, 1880) - m46.

H.signifer (C.L. Koch, 1839) - d33, i7, g46 [Ovtsharenko & Marusik, 1988].

Micaria aenea Thorell, 1871 - g35.

M.alpina L. Koch, 1872 - h1, s18, w56.

M.guttulata (C.L. Koch, 1839) - f56.

M.lenzi Bosenberg, 1899 - e42, g14, 35, 46, 51, h1, 43, m40 [Koponen & Marusik, 1992].

M.rossica Thorell, 1875 - e34, 42, f6, g14, 35, 46, 47, h43, m46, s18 [Koponen & Marusik, 1992].

M.tripunctata Holm, 1979 - h43.

- Micaria* sp. - g35.
Zelotes baltistanus Caporiacco, 1935 - i6, n48 [Ovtsharenko & Marusik, 1988].
Z.potani Schenkel, 1963 - e42, g35, 51, i6 [Koponen & Marusik, 1992].
Z.puritanus Chamberlin, 1922 - e42, h43.
Z.sula Lowrie et Gertsch, 1955 - h43.
Z.yutian Platnick et Song, 1986 - g35, 49.
- Hahniidae
- Hahnia ononidum* Simon, 1875 - e42, i6, w56 [Koponen & Marusik, 1992].
- Heteropodidae
- Micrommata* sp. - e42.
- Linyphiidae
- Acartauchenius pilifrons* (L. Koch, 1879) - s11, 12, w38, 56.
Agyneta (Agyneta) allosubtilis Loksa, 1965 - h1.
A. (A.) congenera (O.P.-Cambridge, 1863) - e42.
A. (A.) olivacea Emerton, 1882 - e23, 39, i6, g46, m46 [Hippen & Oksala, 1985; Koponen & Marusik, 1992].
A. (A.) trifurcata Hippen et Oksala, 1985 - e42.
A. (Aprolagus) affinisoides Tanasevitch, 1984 - g46, w56 [Koponen & Marusik, 1992].
A. (A.) brusnevi (Kulczynski, 1908) - w52* [Kulczynski, 1908].
A. (A.) levii Tanasevitch, 1984 - m40.
A. (A.) pseudosaxatilis Tanasevitch, 1984 - e23, 42, i56, w56.
A. (A.) ripariensis Tanasevitch, 1984 - e42.
A. (Meioneta) birulai (Kulczynski, 1908) - w52* [Kulczynski, 1908].
A. (M.) maritima (Emerton, 1919) - e23, 42.
A. (M.) nigra Oi, 1960 - m40, 46.
A. (M.) similis (Kulczynski, 1926) - e23.
Agyneta (M.) sp. 1 - g35.
Agyneta (M.) sp. 2 - g35.
Allomengea dentisetis (Grube, 1861) - g66.
A.scopigera (Grube, 1859) - g35, 46, h33, 43 [Koponen & Marusik, 1992].
Araeoncus crassiceps (Westring, 1861) - e23, g35, 46
A.vorkutensis Tanasevitch, 1984 - e42.
Asiceratinops kolymensis Eskov, 1992 - i6 [in i6 as *Ceratinops* sp.: Koponen & Marusik, 1992].
Bathyphantes canadensis Emerton, 1882 - h33.
B.eumenis (L. Koch, 1879) - g14, h33, m40, 46, n48, w56.
B.gracilis (Blackwall, 1841) - e23.
B.humilis (L. Koch, 1879) - m40.
B.reprobis (Kulczynski, 1916) - e42.
B.setiger (O.P.-Cambridge, 1894) - e23, 39, 42, g14, m40 [Koponen & Marusik, 1992].
B.simillimus (L. Koch, 1879) - m46.
Bolyphantes index (Thorell, 1856) - e42.
Carorita limnaea Crosby et Bishop, 1927 - e42, i6, g35 [Koponen & Marusik, 1992].
Ceratinella sp. 1 - e42.
Ceratinella sp. 2 - e42.
Ceratinopsis romanus (O.P.-Cambridge, 1872) - e42, i6, m40.
Cnephalocotes obscurus (Blackwall, 1834) - e23.
Collinsia caliginosa (L. Koch, 1879) - e42.
C.dentata Eskov, 1990 - a45*, m40 [Eskov, 1990b].
C.distincta (Simon, 1884) - e42, h43, m46.
C.holmgreni (Thorell, 1872) - g9, 11, z53, C9, C [Eskov, 1985].
C.spetsbergensis (Thorell, 1872) - y21, C17, 20-22, 33 [Kulczynski, 1908; Eskov, 1985].
C.submissa (L.Koch, 1879) - e23.
Concavocephalus rubens Eskov, 1989 - h34.
Connithorax barbatus Eskov, 1988 - w56.
Crosbylonia borealis Eskov, 1988 - h34* [Eskov, 1988a].
Dactylopisthes video (Chamberlin et Ivie, 1947) - e23, i6, g35, 46 [Koponen & Marusik, 1992].
Dicymbium libidinosum (Kulczynski, 1885) - s18.
Diplocentria bidentata (Emerton, 1882) - e39, 42 [Koponen & Marusik, 1992].
Diplocephalus barbatus (L. Koch, 1879) - w45 [Eskov, 1988b].
D.connatus Bertkau, 1889 - m46.
D.mirabilis Eskov, 1988 - h34, m46, w38, 56.
D.montanus Eskov, 1988 - w56.
D.subrostratus (O.P.-Cambridge, 1873) - e39 [Koponen & Marusik, 1992].
D.uliginosus Eskov, 1988 - e42, i6, g46, w56 [Koponen & Marusik, 1992].
Dismodicus bifrons (Blackwall, 1841) - d34, e39, i6, g22, 46 [Koponen & Marusik, 1992].
Drepanotylus holmi (Eskov, 1981) - e42, i6 [Koponen & Marusik, 1992].
Eboria angulata Holm, 1963 - h33, w56.
E.beringiana Eskov, 1989 - z44* [Eskov, 1989b].
E.holmi Eskov, 1981 - s9.
E.simplex (Kulczynski, 1908) - w52* [Kulczynski, 1908].

- Enidia bituberculata* (Wider, 1834) - e23, 39, f6, g22, 35, 51, w56 [Koponen & Marusik, 1992].
- Entelecara sombra* Chamberlin & Ivie, 1947 - f6, g51, m46 [in f6 as *E. media* Kulczynski: Koponen & Marusik, 1992].
- Erigone arctica* Chamberlin et Ivie, 1947 - e34, 39, g35, 46, w56 [Koponen & Marusik, 1992].
- E. arctica sibirica* Kulczynski, 1908 - e23, g35, m40, o32, w45, 52, x64, y, C [in y as *E. arctica* White: Kulczynski, 1908; Eskov, 1985].
- E. atra* Blackwall, 1833 - d27, e23, 34, 39, 42, f1, 6, g35, 46, h43, l66, m46 [Koponen & Marusik, 1992].
- E. hypoarctica* Eskov, 1989 - e42, g35, 46, o32.
- E. psychrophila* Thorell, 1872 - s9, 11, w39, 45, y21, C9, 17, 18, 20-22, 33 [Kulczynski, 1908; Eskov, 1985].
- E. tirolensis* L. Koch, 1872 - e23, s9, 18.
- Erigonella ignobilis* (O.P.-Cambridge, 1871) - h34 [Eskov, 1988c].
- Erigonoplus minaretifer* Eskov, 1986 - g14, 51, i6* [Eskov, 1986a].
- Estrandia grandaeva* (Keyserling, 1886) - f6, h40, m40, 46 [Koponen & Marusik, 1992].
- Frontella pallida* Kulczynski, 1908 - w52* [Kulczynski, 1908].
- Gibothorax tchernovi* Eskov, 1989 - x48* [Eskov, 1989a].
- Glyphesis asiaticus* Eskov, 1989 - g35, 46, h34, n48 [Koponen & Marusik, 1992].
- Glyphesis* sp. - a45, e42.
- Gnathonarium suppositum* (Kulczynski, 1885) - g40, 46 [in g40, g46 as *G. dentatum* (Wider): Koponen & Marusik, 1992].
- G. taczanowskii* (O.P.-Cambridge, 1873) - e34, g54 [Koponen & Marusik, 1992].
- Gonatium pacificum* Eskov, 1989 - e42.
- G. rubens* (Blackwall, 1833) - e42.
- Hilaira alpina* Eskov, 1987 - v25, w45 [Eskov, 1987b].
- H. asiatica* Eskov, 1987 - n48, w56.
- H. devitata* Eskov, 1987 - f6 [Koponen & Marusik, 1992].
- H. gibbosa* Tanasevitch, 1982 - e42, w56.
- H. glacialis* (Thorell, 1872) - w39, 45, 52 [Eskov, 1985, 1987b; Kulczynski, 1908].
- H. herniosa* (Thorell, 1875) - e39, 42, g46, h1, 34, 40, m46, n60, w38, 56 [Koponen & Marusik, 1992].
- H. incondida* (L. Koch, 1879) - w45, 52 [Eskov, 1987b; Kulczynski, 1908].
- H. jamalensis* Eskov, 1981 - e42, h34.
- H. leviceps* (L. Koch, 1879) - v25, w38 [Eskov, 1987b].
- H. minuta* Eskov, 1979 - e39, 42, f6, h34 [Koponen & Marusik, 1992].
- H. nivalis* Holm, 1939 - w45, y37, z33 [Eskov, 1987b].
- H. proletaria* (L. Koch, 1879) - s9, w45 [Eskov, 1987b].
- H. sibirica* Eskov, 1987 - e42.
- H. syrojeczkowskii* Eskov, 1981 - h33.
- H. tatrica tatrica* Kulczynski, 1915 - e39, w56 [in e39 as *Hilaira* sp.: Koponen & Marusik, 1992].
- H. vexatrix* (O.P.-Cambridge, 1877) - s9, 11, 12, w38 [Eskov, 1987b].
- Hybauchenidium aquilonare* (L. Koch, 1879) - e42, f6, s9, 11, 12, w38, 39, 45, 52, x48, 57, C [Koponen & Marusik, 1992; in w52 and C as *Gongylidium septentrionale* Kulczynski: Kulczynski, 1908; Eskov, 1985].
- H. progidialis* (Holm, 1945) - n60.
- Hypselistes jacksoni* (O.P.-Cambridge, 1902) - d47, e23, 39, f6, g51, h33, m46, s9 [Koponen & Marusik, 1992].
- H. cf. jacksoni* - e42.
- H. semiflavus* (L. Koch, 1879) - e23, w45.
- Incestophantes incestus* (L. Koch, 1879) - m40, 46, w56.
- I. kochiellus* (Strand, 1900) - e23, 39, f6, g46, 2-6 [Koponen & Marusik, 1992].
- Islandiana alata* (Emerton, 1902) - g14.
- I. cristata* Eskov, 1989 - m40, w56.
- Kaestneria anceps* (Kulczynski, 1885) - e23, 39, 42, g14, m46 [Koponen & Marusik, 1992].
- Kaestneria pullata* (O.P.-Cambridge, 1863) - e23, 39, 42, g14, m40, 46 [in e39 as *Kaestneria anceps* (Kulczynski): Koponen & Marusik, 1992].
- Lasiargus hirsutus* (Menge, 1869) - e39, f58 [in e39 as *L. laricetorum* Eskov: Koponen & Marusik, 1992].
- Lasiargus pilipes* (Kulczynski, 1908) - 027* [Kulczynski, 1908].
- Latithorax arcticus* Eskov, 1989 - x48*, y37, z44* [Eskov, 1989b].
- L. latus* Holm, 1943 - g46.
- Leptyphantes cerinus* (L. Koch, 1879) - g22.
- L. complicatus* (Emerton, 1882) - e39, m46.
- L. dybowskii* (O.P.-Cambridge, 1873) - e42, f6, h34 [Koponen & Marusik, 1992].
- L. karpinskii* (O.P.-Cambridge, 1873) - e39, f6, g14 [Koponen & Marusik, 1992].
- L. laricetorum* Tanasevitch et Eskov, 1987 - e42, w56.
- L. nebulosus* (Sundevall, 1829) - e39 [Koponen & Marusik, 1992].
- L. nenilini* Tanasevitch, 1987 - w56.
- L. cf. obscurus* (Blackwall, 1841) - e23, m46.
- L. sobrius* (Thorell, 1872) - w45, 38, 45 [Tanasevitch, 1987; in w38 as *L. chukotshorum* Marusik: Koponen & Marusik, 1992].

Marusik, 1991b].

L.taczanowskii (O.P.-Cambridge, 1873) - e39, 42, f6, h40, m46, n48, s11 [Koponen & Marusik, 1992].

Macrargus multesimus (O.P.-Cambridge, 1875) - e36, f6, m46 [Koponen & Marusik, 1992].

Maro borealis Eskov, 1991 - e42* [Eskov, 1991a].

M.flavescens (O.P.-Cambridge, 1873) - h34.

M.sibiricus Eskov, 1980 - e42.

Masikia indistincta (Kulczynski, 1908) - w*, y37 [Kulczynski, 1908].

Maso sundevalli (Westring, 1851) - e42, f6, h34 [Koponen & Marusik, 1992].

Mecynargus monticola (Holm, 1943) - e42, f6, h33, w56.

M.paetulus (O.P.-Cambridge, 1875) - e23, 34, 39, g46, m46, w56.

M.tungusicus (Eskov, 1981) - w56.

Metopobactrus prominulus (O.P.-Cambridge, 1872) - e42.

Microlinyphia impigra (O.P.-Cambridge, 1871) - e23, 34 [Koponen & Marusik, 1992].

M.pusilla (Sundevall, 1829) - d34, 39, 40, e23, 36, 39, 42, f6, 56, 59, g22, 34, 35, 46, 47, 51, h1, 43, m40, n48 [Koponen & Marusik, 1992].

«*Micryphantes*» *ferrum-equinum* Grube, 1861 - f14* [Grube, 1861].

Minicia exarmata Eskov, 1989 - f6, g51 [Koponen & Marusik, 1992].

Minyrioloides trifrons (O.P.-Cambridge, 1863) - d34, 39, e23, f6, g14, 22, m46, o32 [Koponen & Marusik, 1992].

Nerienne subarctica Marusik, 1991 - e23* (Marusik, 1991b).

Notioscopus jamalensis Grese, 1909 - e23, 39, 42, f6, g46 [Koponen & Marusik, 1992].

Oedothorax retusus (Westring, 1851) - e34, 39, g35, m40 [Koponen & Marusik, 1992].

Oreonetides helsdingeni Eskov, 1984 - f6 [Koponen & Marusik, 1992].

O.vaginatulus (Thorell, 1872) - e39, 42, g46 [Koponen & Marusik, 1992].

Paraglyphesis polaris Eskov, 1991 - y37*, z44* [Eskov, 1991b].

Parawubanoides marusiki (Tanasevitch, 1987) - h34 [Eskov & Marusik, 1992a].

P.unicornis (O.P.-Cambridge, 1873) - e39, g46 [Eskov & Marusik, 1992a; Koponen & Marusik, 1992].

Pelecopsis dorniana Heimer, 1987 - h1.

P.parallela (Wider, 1834) - e42.

P.mengei (Simon, 1884) - w56.

Perlongipalpis pinipumilis Eskov et Marusik,

1991 - e42* [Eskov & Marusik, 1991].

Perregrinus deformis (Tanasevitch, 1982) - e42, m46.

Perro polaris (Eskov, 1986) - h33, w45*, y37 [Eskov, 1986b].

Pityohyphantes phrygianus (C.L. Koch, 1836) - e39, f6 [Koponen & Marusik, 1992].

Poecilometopon pallida Kulczynski, 1908 - w38, 45, 52*, 56 [Kulczynski, 1908].

P.tanasevichi Marusik, 1991 - f6 [Koponen & Marusik, 1992].

P.variegata (Blackwall, 1841) - m46.

Poecilometopon sp. - h34.

Porrhomma borealis (Banks, 1895) - g46 [Koponen & Marusik, 1992].

Praestigia groenlandica Holm, 1967 - h1, s9, w56, x57 [Eskov, 1988c].

P.kulczynskii Eskov, 1979 - e23, g35, m46.

P.pini (Holm, 1950) - e42, g46 [Koponen & Marusik, 1992].

Procerocymbium sibiricus Eskov, 1989 - g46, h1, m46, s11 [Koponen & Marusik, 1992].

Proislandiana pallida (Kulczynski, 1908) - w52* [Kulczynski, 1908].

Pseudocyba miracula Tanasevitch, 1984 - h33.

Pseudowubana wagae (O.P.-Cambridge, 1873) - e42, g46, h33, 34 [Koponen & Marusik, 1992].

Saloca strandi (Sytshevskaja, 1935) - e23.

Savignia nenilini Marusik, 1988 - e23, g35, 46, h34, s18 [Koponen & Marusik, 1992].

S.zero Eskov, 1988 - h33.

Sciastes hyperboreus (Kulczynski, 1908) - w39*, 45 [Kulczynski, 1908].

Scotinotylus alienus (Kulczynski, 1885) - e42, g35 [Koponen & Marusik, 1992].

S.alpigenus (L. Koch, 1869) - w56.

S.alpinus (Banks, 1892) - w56.

S.millidgei Eskov, 1989 - g46 [in g46 as *Scotinotylus* sp.: Koponen & Marusik, 1992].

Silometopoides sphagnicolus Eskov & Marusik, 1992 - e23, 42, h34, x57 [Eskov & Marusik, 1992b; in h34 as *Minyriolus pampia* Chamberlin: Eskov, 1988c].

Silometopus sibiricus Eskov, 1989 - e42, f6, g35 [Koponen & Marusik, 1992].

Silometopus sp. - h1.

Stemonyphantes sibiricus (Grube, 1861) - f14*, h43, 2-6 [Grube, 1861].

Tapinocyba incerta Kulczynski, 1916 - m40.

T.kolymensis Eskov, 1989 - f6.

Tibioploides arcuatus (Tullgren, 1955) - f6, h33 [Koponen & Marusik, 1992].

Tiso aestivus (L. Koch, 1872) - e23.

Tmeticus affinis (Blackwall, 1855) - e34 [Kopo-

nen & Marusik, 1992].

T.tolli Kulczynski, 1908 - e23, g14, 35, 40, h33, m40, s18, w52, x64 [Koponen & Marusik, 1992; Kulczynski, 1908].

Trichoncus hackmani Millidge, 1955 - g46 [Koponen & Marusik, 1992].

Tubercithorax furcifer Eskov, 1988 - f6 [Koponen & Marusik, 1992].

T.subarcticus (Tanasevitch, 1984) - w38.

Tunagyna debilis (Banks, 1892) - m40.

Walckenaeria clavicornis (Emerton, 1882) - e42, f6, g40, h1, s9, w45, 56 [Eskov, 1985; Koponen & Marusik, 1992].

W.castanea (Emerton, 1882) - f6.

W.fraudatrix Millidge, 1983 - e23, f6, g46 [Koponen & Marusik, 1992].

W.karpinskii (O.P.-Cambridge, 1873) - e42, f6, g35, h33, w56 [in f6 and g35 as *W.holmi* Millidge: Koponen & Marusik, 1992].

W.lepida (Kulczynski, 1885) - e34, f6 [Koponen & Marusik, 1992].

Walckenaeria sp.1 - h34.

Walckenaeria sp.2 - f6.

Wubanoidea fissus (Kulczynski, 1926) - f6, n60 [Eskov & Marusik, 1992a].

Yakutopus xerophilus Eskov, 1990 - g14, e42* [Eskov, 1990a].

Zornella cultrigera (L. Koch, 1879) - e42, g46, m40, 2-6 [Koponen & Marusik, 1992].

Erigoninae gen.1 sp.1 - m40.

Erigoninae gen.2 sp.1 - e23.

Erigoninae gen.3 sp.1 - e23.

Erigoninae gen.4 sp.1 - o1O.

Erigoninae gen.5 sp.1 - e39.

Erigoninae gen.6 sp.1 - f6.

Erigoninae gen.7 sp.1 - f6.

Erigoninae gen.8 sp.1 - f6.

Liocraniidae

Agroeca maculata L. Koch, 1879 - f58.

Lycosidae

Acantholycosa norvegica (Thorell, 1879) - h1.

A.sibirica Kulczynski, 1908 - a45, g40, h1, w38, 52 [Zyuzin, 1979; Kulczynski, 1908].

A.subsolana (Kulczynski, 1907) - h30, s18?

Alopecosa aculeata (Clerck, 1757) - e6, 40, f56, 59, h30, i19, m46, s18, 2-6.

A.albostriata (Grube, 1861) - f6, 14*, 59, g22, 166, n48, p52, 58, o32, w56, 2-6 [Koponen & Marusik, 1992; Grube, 1861; Kulczynski, 1908].

A.borea (Kulczynski, 1908) - d38, 40, e42, f61,

g14, 22, 35, 40, 46, 49, h30, 43, o27*, 33, 34, p66, s18, w38, 56, 2-6 [in g40 as *Tarentula poecila* Kulczynski: Kulczynski, 1908; Koponen & Marusik, 1992].

A.hirtipes (Kulczynski, 1907) - d40?, h1, i19, o32, 34, w38, y38 [in o32 as *Tarentula hirta* Kulczynski: Kulczynski, 1908].

A.kulczynskii Sternbergs, 1979 - f59, g49, o34.

A.mutabilis (Kulczynski, 1908) - w38, 45, 52, y38, 44 [Kulczynski, 1908].

A.sibirica (Kulczynski, 1908) - d40, f14, g14, 40, 51, h43, o27, 32, 34, x64* [in o32 as *Tarentula incompta* Kulczynski, in g40 as *T.pinnata* Kulczynski: Kulczynski, 1908; Koponen & Marusik, 1992].

Alopecosa sp.1 - h30.

Alopecosa sp.2 - g35.

Alopecosa sp.3 - o1O.

Pardosa adustella (Roewer, 1951) - e34, 42, f6, 56, g35, 40, 46, 47, 51, h1, 30, m46, s18, 2-6 [Koponen & Marusik, 1992].

P.algens (Kulczynski, 1908) - n48, o32, 33, 34, r34, s6, 11, 12, w52 [Kulczynski, 1908; Kronstedt, 1986].

P.andersoni Gertsch, 1934 - d39, 40, e23, 34, 39, 40, 42, f7, 12, g14, 35, 40, 47, 54, 166, m46, 2-6 [Koponen & Marusik, 1992].

P.atrata (Thorell, 1873) - d39, e23, 34, 39, 42, f14, g14, 34, 35, 40, 46, h43, r34 [Koponen & Marusik, 1992].

P.eiseni (Thorell, 1875) - e40, g46, 51, h1, 43?, i6, 166, m46, s18, w45, 1-5.

P.groenlandica (Thorell, 1872) - h1, p58, w56.

P.indecora L. Koch, 1879 - g14.

P.laponica (Thorell, 1872) - e41, g35, 46, h1, 43, i19, m46, n60, o32, 33, s18 [Koponen & Marusik, 1992; in o33 as *P.algens* Kulczynski, males only: Kulczynski, 1908].

P.lasciva L. Koch, 1879 - e39 [Koponen & Marusik, 1992].

P.lyrata (Odenwall, 1901) - e42, f6, 56, g35, 40, h43, m40, 1-5, 2-6 [Koponen & Marusik, 1992].

P.plumipes (Thorell, 1875) - d40, e23, 34, 36, 39, f56, 59, g35, 40, 46, 49, 51, h43, 1-5, 2-6 [Koponen & Marusik, 1992].

P.ricta (Odenwall, 1901) (?) - g14, n48.

P.schenkeli Lessert, 1904 - e34, 40, f12, g35, 46, h1 [Koponen & Marusik, 1992].

P.septentrionalis (Westring, 1861) - w38, 45, y38, 44.

P.sodalis Holm, 1970 - d40, f6, h1, n48 [Kronstedt, 1986; Koponen & Marusik, 1992].

P.tesquorum (Odenwall, 1901) - e23, 42, f1, 6, 7, 14, 61, g14, 46, 49, 51, h1, 43, i6, 19, 159, m40, 46, n48, 60, o27, 32, p52, 66, r34, 35, s11, 18, w56, x64 [Koponen & Marusik, 1992; Kulczynski, 1908].

P.tyshchenkoi Zyuzin et Marusik, 1989 - h1, p52* [Zyuzin & Marusik, 1989].

Pardosa sp.1 - f12, g14, 51, 54, o32 [Koponen & Marusik, 1992].

Pardosa sp.2 - h43.

Pardosa sp.3 - g14, m46.

Pirata piraticus (Clerck, 1757) - e34, 39, g35, 46, h43 [Koponen & Marusik, 1992].

P.denticulata Liu, 1987 - e41.

P.praedo Kulczynski, 1885 (?) - e34, 39, 41, 42 [Koponen & Marusik, 1992].

Tricca alpigena (Doleschall, 1858) - e42, h1, m46, w38, 56.

Xerolycosa nemoralis (Westring, 1861) - e39, f7, g35, 40, h30 [Koponen & Marusik, 1992].

Oxyopidae

Oxyopes cf. *ramosus* (Panzer, 1804) - d34, e23, 31, 42, f6, 55, 56, 61, g34, 35, 40, 46, 47, 54, 65, h30, 43, f59 [as *Oxyopes* sp. [*ramosus*]: Kulczynski, 1908; Koponen & Marusik, 1992].

Philodromidae

Apollophanes lenensis Marusik, 1991 - g35, 46*, m46* [Marusik, 1991c].

Philodromus alascensis Keyserling, 1884 - d39, f6, h1, 33, f6, m40, 46, n60, o27, 32, r34, s18, w45, 56, x64, 1-5 [Marusik, 1991c; as *P.varians* Kulczynski: Kulczynski, 1908; Koponen & Marusik, 1992].

P.aryy Marusik, 1991 - e23, 36, f56, g46, 47, h43* [Marusik, 1991c; Koponen & Marusik, 1992].

P.aureolus (Clerck, 1757) - f6, g46 [Koponen & Marusik, 1992].

P.buxi Simon, 1884 - e34, 39, f6, g46, m40 [Marusik, 1991c].

P.cespitum (Walckenaer, 1802) - e36, 42, f6, g14, 40, h43, o27 [Marusik 1991c; in o27 as *P.aureolus sibirica* Kulczynski: Kulczynski, 1908; Koponen & Marusik, 1992].

P.emarginatus (Schrank, 1803) - e23, 31, 42, m40, 46 [Marusik, 1991c].

P.fallax Sundevall, 1832 - m46 [Marusik, 1991c].

P.fuscomarginatus (DeGeer, 1778) - e31, 36, 42, g46, 60 [Marusik, 1991c; Koponen & Marusik, 1992].

P.histrion (Latreille, 1819) - f56, g35, 46 [Marusik, 1991c; Koponen & Marusik, 1992].

P.mysticus Dondale et Redner, 1975 - g35, 51, h33, 43 [Marusik, 1991c; Koponen & Marusik, 1992].

P.vinokurovi Marusik, 1991 - e23, f6, 56, g46, h43* [Marusik, 1991c; Koponen & Marusik, 1992].

Thanatus albomaculatus Kulczynski, 1908 - e42, f14, g14, 35, 40, 46, h33, 43, o32*, s18 [Marusik, 1991c; Kulczynski, 1908; Koponen & Marusik, 1992].

T.arcticus Thorell, 1872 - f14, 56, 59, g35, 49, h1, 33, 43, i19, s18, w45, 50 [Marusik, 1991c].

T.bungei (Kulczynski, 1908) - d27, f56, 65, h1, 30, f6, 19, 21, o15, 32, s18 [Marusik, 1989, 1991c; Kulczynski, 1908].

T.mediocris Kulczynski, 1908 - f6, o27, 32, x64 [Kulczynski, 1908; Koponen & Marusik, 1992].

T.striatus C.L. Koch, 1845 - e23, 42, g35 [Marusik, 1991c].

Tibellus asiaticus Kulczynski, 1908 - e31, f6, g40, h43, i6, o32* [Marusik, 1991c; Kulczynski, 1908; Koponen & Marusik, 1992].

T.maritimus (Menge, 1875) - e23, 36, 39, 42, f59, h30, 43, m46 [Marusik, 1991c; Koponen & Marusik, 1992].

T.oblongus (Walckenaer, 1802) - f16 [Marusik, 1991c].

Salticidae

Aelurillus festivus (C.L. Koch, 1834) - e42, f58, g14, 35, 54 [Proszynski, 1979].

A.o-insignitus (Clerck, 1757) - f7, h30 [Proszynski, 1979].

Bianor aemulus (Gertsch, 1934) - g46, m46 [Logunov & Marusik, 1991].

B.stepposus Logunov, 1991 - g46 [Koponen & Marusik, 1992].

Chalcoscirtus glacialis sibiricus Marusik, 1991 - h1, f6 [Marusik, 1991a].

Dendryphantus biankii Proszynski, 1979 - g53* [Proszynski, 1979].

D.fusconotatus (Grube, 1861) - e42, f6, g22, 35, 40, 46, 47, 51, 54, h30, m46? [in g40 as *D.thorellii* Kulczynski: Kulczynski, 1908; Proszynski, 1979; Koponen & Marusik, 1992].

D.rudis (Sundevall, 1832) - g46, 47 [Koponen & Marusik, 1992].

Evarcha arcuata (Clerck, 1757) - d27, 39, e23, 36, 42, f6, 55, 61, g35, 40, 46, 47, 51, h30, 1-5 [Proszynski, 1979; Koponen & Marusik, 1992].

E.falcata (Clerck, 1757) - e42.

Heliophanus auratus L. Koch, 1835 - d [Proszynski, 1979].

H.baicalensis Kulczynski, 1895 - g14, 35, 46 [Koponen & Marusik, 1992].

H.camtschadalicus Kulczynski, 1885 - d27, e6, 42, f6, g47, m40 [Wesolowska & Marusik, 1990; Proszynski, 1979; Koponen & Marusik, 1992].

H.dubius C.L. Koch, 1835 - m46.

- H. flavipes* (Hahn, 1831) - e23.
H. lineiventris Simon, 1868 - g35, 46 [Koponen & Marusik, 1992].
H. patagiatus Thorell, 1875 - f6, m46? [Koponen & Marusik, 1992].
Marpissa pomatia (Walckenaer, 1802) - e23, 42, f6, 55, 59, g46, 1-5 [Proszynski, 1979; Koponen & Marusik, 1992].
Pellenes ignifrons (Grube, 1861) - e6, 23, 34, 39, f14*, g22, 40, 46 [Grube, 1861 (see Proszynski [1971]); Proszynski, 1979; Koponen & Marusik, 1992].
P. limbatus Kulczynski, 1895 - g35, i6.
P. cf. tripunctatus (Walckenaer, 1802) - i66 [Proszynski, 1979].
Phlegra fuscipes Kulczynski, 1891 - g46, 53 [Proszynski, 1979; Koponen & Marusik, 1992].
Salticus cingulatus (Panzer, 1797) - g22, 51 [Proszynski, 1979].
Sitticus cutleri Proszynski, 1980 - e41, 42, f6, g46 [Koponen & Marusik, 1992].
S. distinguendus (Simon, 1868) - g51 [Koponen & Marusik, 1992].
S. fasciger (Simon, 1880) - g46 [Proszynski, 1979].
S. finschi (L. Koch, 1879) - e34, 42, m46, o15 [Kulczynski, 1908; Koponen & Marusik, 1992].
S. floricola (C.L. Koch, 1837) - e23, 39, 42, f1, 6, 16, g34, 35, 46, 54, h43 [Proszynski, 1979; Koponen & Marusik, 1992].
S. lineolatus (Grube, 1861) - f7, 14*, h1 [Grube, 1861; Proszynski, 1979].

Tetragnathidae

- Pachygnatha clercki* Sundevall, 1823 - e34, 39, g40, h1, n48, o33, w52, 58 [Kulczynski, 1908; Koponen & Marusik, 1992].
P. listeri Sundevall, 1830 - f56, g51, h34, 66.
Tetragnatha dearmata Thorell, 1873 - d34, e39, f6, g46, 1-5 [Koponen & Marusik, 1992].
T. extensa (Linnaeus, 1758) - d27, 34, e23, 31, 34, 36, 39, 40, 42, f1, 6, 12, 16, 56, 59, 61, g22, 35, 40, 46, 47, 49, 51, h43, i19, i59, 66, m40, 46, n48, o27, 32, s9, 11, 18, w38, x57, 64, 1-5, 2-6 [Kulczynski, 1908; Koponen & Marusik, 1992].
T. pinicola (L. Koch, 1870) - g40?, 46, 49, h43, w56 [Koponen & Marusik, 1992].

Theridiidae

- Arctachaea nordica* (Chamberlin et Ivie, 1947) - m40.
Enoplognatha serratosignata (L. Koch, 1879) - e36, g1, h1, m40.

- Robertus kastoni* Eskov, 1987 - e42.
R. lividus (Blackwall, 1836) - 2-6.
R. lyrifer Holm, 1939 - w56.
R. scoticus Jackson, 1914 - e39 [Koponen & Marusik, 1992].
R. sibiricus Eskov, 1987 - e42, f6, g35, 46 [Eskov, 1987a; Koponen & Marusik, 1992].
Steatoda albomaculata (De Geer, 1778) - e42, g14, 35, 40, 46, h43, i6, m40 [Koponen & Marusik, 1992].
S. bipunctata (Linnaeus, 1758) - e39, 42 [Koponen & Marusik, 1992].
S. phalerata (Panzer, 1801) - e23, f56, g35, 54, h43, m46.
Theridion impressum L. Koch, 1881 - e23, 34, 36, 39, 40, 42, g22, 34, 35, 46, 51, h1, 43, i66, m46, n60, 2-6 [Koponen & Marusik, 1992].
T. ohlerti Thorell, 1870 - e23, 34, 42, f6, 58, g35, 46, h1, 34, i19, m46, s18 [Koponen & Marusik, 1992].
T. petraeum L. Koch, 1872 - e23, 42, g40 [Koponen & Marusik, 1992].
T. pictum Walckenaer, 1802 - e23, 34, 39, f6, g35, 46 [Koponen & Marusik, 1992].
T. sibiricum Marusik, 1988 - g51 [Koponen & Marusik, 1992].
T. varians Hahn, 1831 - e39, 42, f6, g46 [Koponen & Marusik, 1992].
Thymoites bellissimum (L. Koch, 1879) - f6 [Koponen & Marusik, 1992].
T. oleatus (L. Koch, 1879) - w38, 45, 56.

Thomisidae

- Heriaeus mellotiei* Simon, 1886 - e23, 31, 42, f59, g14, 46, 54 [Koponen & Marusik, 1992].
Misumena vatia (Clerck, 1757) - e23, 31, 36, 39, 40, 42, f6, 59, g35, 40, 46, 47, 66, h30, 43 [Koponen & Marusik, 1992].
Ozyptila arctica Kulczynski, 1908 - e42, h1, w38, x64* [Kulczynski, 1908].
O. atomaria (Panzer, 1810) - g40 [Tyshchenko, 1971].
O. balkarica Ovtsharenko, 1979 - e42, h30.
O. simplex (O.P.-Cambridge, 1862) - e23.
O. sincera Kulczynski, 1926 - e41, f6, 56, 59, g, h34, m40, 2-6 [Koponen & Marusik, 1992].
Tmarus rimosus Paik, 1973 - e23, g46 [Koponen & Marusik, 1992].
Xysticus albidus Grese, 1909 - h1, i6, n48, s9, w38, y44.
X. audax (Schrank, 1803) - e23, g35, 46, h43, m46 [Koponen & Marusik, 1992].
X. baltistanus (Caporiacco, 1935) - h1, 43, i6,

s18.

- X.bifasciatus* (C.L. Koch, 1837) - h43.
X.britcheri Gertsch, 1934 - e23, 41, 42, f6, g40, 46, h1, 43, i19, m46, n48, p58, s18 [Koponen & Marusik, 1992].
X.canadensis Gertsch, 1934 - o10, w38.
X.emertoni Keyserling, 1880 - e39, f6, 56, g14, 35, h1, 33, 43, m46, n60 [Koponen & Marusik, 1992].
X.ephippiatus Simon, 1880 - g46, 51, 2-6 [in g51 as *X.transsibiricus* Utotchkin: Utotchkin, 1968; Koponen & Marusik, 1992].
X.nenilini Marusik, 1989 - g35.
X.obscurus Collett, 1877 - e6, f56, g35, 40, h43, o27, 32 [as *X.austerus* L. Koch: Kulczynski, 1908].
X.rugosus Buckle et Redner, 1964 - h1.
X.sibiricus Kulczynski, 1908 - h1, 43, i19, m46, x64? [Kulczynski, 1908].
X.sjostedti Schenkel, 1936 - g40, h43, i6, n48.
X.ulmi (Hahn, 1831) - e31.
X.vachoni Schenkel, 1963 - e42, g35, 40, 46, 54, h1, 30, 33, i19, n48, 60 [in g40 and g54 as *X.jacuticus* Utotchkin: Utotchkin, 1968; Koponen & Marusik, 1992].
Xysticus sp.1 - h4.
Xysticus sp.2 - e23.

Zoridae

Zora cf. *nemoralis* (Blackwall, 1861) - f6 [Koponen & Marusik, 1992].

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